

XV. *A Catalogue of the Fifty Plants from Chelsea Garden, presented to the Royal Society by the worshipful Company of Apothecaries, for the Year 1764, pursuant to the Direction of Sir Hans Sloane, Bart. Med. Reg. et Soc. Reg. aliquando Præses: By John Wilmer, M. D. clariff. Societatis Pharmaceut. Lond. Soc. Hort. Chelsean. Præfetus et Prælector Botanic.*

Read March 14, } 2101
1764.

- A** Chillea foliis bipinnatis subpilosis, laciniis linearibus, dentatis, auriculis decussatis. Linn. Sp. plant. 1267.
- 2102 Achillea foliis setaceis dentatis, denticulis subintegris subulatis reflexis. Hort. Cliff. 412.
- 2103 Amaranthus glomeribus triandris pentandriisque, foliis ovatis obtusissimis emarginatis rugosis. Linn. Sp. plant. 1403.
- 2104 Anastatica foliis obtusis, spicis axillaribus brevissimis, filiculis unguatis spinosis. Linn. Sp. plant. 895.
- 2105 Antirrhinum foliis lanceolatis sparsis, inferioribus oppositis, nectariis subulatis, floribus subfessilibus. Hort. Cliff. 498.
- 2106 Astragalus caulescens procumbens, leguminibus contortuplicatis villosis. Linn. Sp. plant. 1068.

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- 2107 *Bidens* foliis trifidis quinatisque serratis petiolatis, pedunculis longissimis.
- 2108 *Borago* foliis ramificationum oppositis amplexicaulibus, calycinis foliolis sagittatis. Linn. Sp. plant. 197.
- 2109 *Bupleurum frutescens*, foliis obovatis integerrimis. Linn. Sp. plant. 343.
- 2110 *Carica* foliorum lobis sinuatis. Hort. Cliff. 461.
- 2111 *Cassia* foliis octojugis ovato-oblongis æqualibus, glandula baseos petiolorum. Hort. Cliff. 159.
- 2112 *Chrysanthemum Indicum* foliis simplicibus ovatis sinuatis angulatis serratis acutis. Linn. Sp. plant. 1253.
- 2113 *Cistus* (*Ægyptiacus*) herbaceus erectus stipulatus foliis lineari lanceolatis petiolatis, calycibus inflatis corolla majoribus. Linn. Sp. plant. 742.
- 2114 *Cleome* floribus gynandris, foliis quinatis, caule inermi. Linn. Sp. plant. 938.
- 2115 *Corchorus* capsulis linearibus compressis, foliis lanceolatis æqualiter serratis. Linn. Sp. plant. 746.
- 2116 *Coris* (*Monspeliensis*). Linn. Hort. Cliff. 68.
- 2117 *Coronilla fruticosa*, foliis quinatis ternatisque lineari-lanceolatis subcarnosis obtusis. Linn. Sp. plant. 1047.
- 2118 *Crambe* foliis laciniatis, caule erecto ramosissimo. Dict. Hort.
- 2119 *Crepis* foliis amplexicaulibus lyrato runcinatis. Hort. Cliff. 79.

- 2120 *Cynofurus spicis* quaternis obtusis patentibus dimidiatis, calycibus mucronatis, caule repente. Linn. Sp. plant. 106.
- 2121 *Cytisus floribus* umbellatis terminalibus, caulibus erectis, foliolis lanceolatis. Linn. Sp. plant. 1042.
- 2122 *Delphinium nectariis* diphyllis.
- 2123 *Dianthus floribus* solitariis, squamis calycinis subulatis tubam æquantibus, petalis multifidis. Amæn. Acad. 4. p. 313.
- 2124 *Dianthus floribus* paniculatis, squamis calycinis brevibus acuminatis, corollis multifido capillaribus, caule erecto. Amæn. Acad. 4. p. 272.
- 2125 *Dipsacus foliis* petiolatis appendiculatis. Hort. Upsal. 25.
- 2126 *Genista foliis* ternatis subtus villosis, pedunculis lateralibus subquinque floris foliolatis, leguminibus hirsutis. Amæn. Acad. 4. p. 284.
- 2127 *Gentiana corollis* quinquefidis hypocrateriformibus, fauce barbatis. Linn. Sp. plant. 334.
- 2128 *Hieracium foliis* lanceolatis amplexicaulibus dentatis, floribus solitariis, calycibus laxis. Hort. Cliff. 387.
- 2129 *Imperatoria*. Hort. Cliff. 103.
- 2130 *Isatis foliis* omnibus dentatis. Linn. Sp. plant. 937.
- 2131 *Malpighia foliis* ovatis integerrimis glabris, pedunculis umbellatis. Hort. Cliff. 169.

- 2132 *Marrubium calycum* limbis tubo longioribus membranaceis, angulis majoribus rotundatis. Linn. Sp. plant. 817.
- 2133 *Matricaria foliis simplicibus linearilanceolatis sessilibus, pedunculis uniformis.*
- 2134 *Ocimum foliis lanceolatis ovatis ferratis racemis verticillatis.* Linn. Sp. plant. 834.
- 2135 *Plantago foliis ovatis glabris, scapo angulato spica flosculis distinctis.* Linn. Sp. plant. 163.
- 2136 *Potentilla foliis ternatis, caule dichotomo, pedunculis axillaribus.* Linn. Sp. plant. 715.
- 2137 *Rosa germinibus ovatis glabris, pedunculis cauleque hispidis, petiolis inermibus fructibus pendulis.* Linn. Sp. plant. 705.
- 2138 *Rudbeckia foliis inferioribus semilobatis incis, caulinis trifidis vel quinquefidis, pedunculis longissimis.*
- 2138 *Scabiosa corollulis quadrifidis æqualibus, floribus cernuis, foliis pinuatis, foliolis lanceolatis ferratis.* Hort. Cliff. 30.
- 2140 *Serapias bulbis fibrosis, floribus erectis bractea longioribus.* Linn. Sp. plant. 1345.
- 2141 *Scolymus foliis margine incrassatis.* Linn. Sp. plant. 1143.
- 2142 *Scorzonera foliis omnibus runcinatis amplexicaulibus.* Linn. Sp. plant. 1114.
- 2143 *Sophora foliis pinuatis, foliolis numerosis oblongis villosis, caule herbacco.* Linn. Sp. plant. 533.
- 2144 *Statice scapo dichotomo ancipiti foliis lanceolatis mucronatis, floribus aggregatis.* Linn. Sp. plant 395.

- 2145 *Teucrium* foliis ovatis acute incisoferratis glabris, floribus axillaribus geminis caule, erecto. Linn. Sp. plant. 790.
- 2146 *Tithymalus* *Linariae* folio, lunato flore. Mor. H. Reg. Blef.
2147. *Valeriana* fylvestris major altera, fol. lucido. H. Reg. Par.
2148. *Veratrum* racemo composito, corollis patentiffimis. Linn. Sp. plant. 1479.
- 2149 *Veronica* racemis lateralibus, foliis lineari lanceolatis pinnato dentatis. Linn. Sp. plant. 17.
- 2150 *Volkameria* ramis inermibus. Linn. Zeyl. 231.

XVI. *A Course of Experiments to ascertain the Specific Buoyancy of Cork in different Waters: The respective Weights and Buoyancy of Salt Water and Fresh Water: And for determining the exact Weight of Human and other Bodies in Fluids.* By John Wilkinson, M. D. F. R. S. of London and Gottingen.

[*Experiments to determine the Specific Buoyancy of Cork in River Water.*]

Experiment I.

Read March 14, 1765. **S**IX cubes of good cork, every one measuring an inch square, as nearly as they could possibly be ascertained, with a graduated